



# Deodorization and Odor Control Procedures

## *Basic Deodorization Procedures*

**1** Identify and eliminate the source of the odor

**2** Thoroughly clean the contaminated area

**3** Recreate the conditions that caused the odor utilizing a deodorizing solution or gas.

**4** If necessary, seal the surface that was exposed to the contamination



# Pet Urine Deodorization Procedures

## *Superficial Contamination*

*Urine odor is present within the environment, but there is very limited amount of visible urine contamination on the carpet*

- 1** Add 8-12 ounces of **OdorMate Scent** to each gallon of mixed prespray you are going to use to clean the carpet



- 2** Proceed to clean in normal manner.





# Pet Urine Deodorization Procedures

## *Light Contamination*

*Visible contamination and stains in a smaller area*

**1** Mix one part **UPS** with 4 parts water. Saturate spray the contaminated area.



**2** Allow to dwell for 2-5 minutes

**3** Thoroughly extract area.

**4** If odor persists, mix one part **MultiPhase** to four parts water. Saturate spray the contaminated area. Allow solution to dry.



**5** If stain persists, saturate spray the contaminated area with **Knock Out 1**. Allow to dry.





# Pet Urine Deodorization Procedures

## Moderate Contamination

*Widespread visible contamination and more severe odors*

**1** Understand that in order to effectively treat the contamination, you must effectively reach all contaminated areas (carpet, backing, cushion, and sub-floor) with treatment solutions. Consider the use of a sub-surface extraction wand or tool to enhance extraction efforts.

**2** Apply **UPS** straight to contaminated areas. Saturate spray. Make sure enough solution is applied to reach all areas of contamination.



**3** Using an injection syringe or injection system, apply **UPS** deep into carpet backing cushion and sub-floor.



**4** Allow solutions to dwell for 5-10 minutes.

**5** Thoroughly extract area.

**6** Mix **MultiPhase** 1 part solution to four parts water. Saturate spray. Make sure enough solution is applied to reach all areas of contamination.



**7** Using an injection syringe or injection system, apply **MultiPhase** deep into carpet backing cushion and sub-floor.



**8** Allow to dwell for 5-10 minutes.

**9** Extract area thoroughly. Consider use of sub-surface extraction tool.



**10** If stain persists, saturate spray the contaminated area with **Knock Out 1**. Allow to dry.





# Pet Urine Deodorization Procedures

## Severe Contamination

*Widespread visible contamination. Saturation in some areas. Severe odor.*

**1** Understand that in order to effectively treat the contamination, you must effectively reach all contaminated areas (carpet, backing, cushion, and sub-floor) with treatment solutions. Consider the use of a sub-surface extraction wand or tool to enhance extraction efforts.

**2** Disengage area of carpet or entire carpet from tack strip.

**3** Remove and properly dispose of contaminated carpet cushion.

**4** Clean sub-floor using **UPS** mixed one part solution to four parts water.



**5** Seal the subfloor with a pigmented sealing shellac such as **KILZ®**.

**6** Saturate spray the front and the back of the contaminated carpet with **UPS** applied straight.

**7** Allow 5-10 minutes of dwell time.

**8** Extract the area thoroughly.

**9** Saturate spray the front and back of the carpet with **MultiPhase** mixed one part solution to four parts water.



**10** Allow the carpet to dry.

**11** Install new carpet cushion.

**12** Reinstall carpet.

**13** If stains persist, apply **Knock Out 1** to appropriate areas and allow to dry.





# Pet Urine Deodorization Procedures

## *The Oxidation Method*

A reasonable option for moderate to severe urine contamination, particularly on light colored carpets where staining is more prevalent is to use an oxidizing stain and odor control treatment like **USR with MultiPhase**. This will effectively deal with all three aspects of urine contamination – lipid based, sticky build-up of contamination, odor, and stains. The release of effervescent oxygen triggers the chemical breakdown of urine into the basic components of such as nitrogen, oxygen, and carbon dioxide. It is highly recommended that you use a subsurface extraction tool or wand when applying an oxidizing solution. These procedures should only be used on synthetic carpets. This solution and procedure is not recommended for wool or silk carpets.

**1** Always test in an inconspicuous area for color-fastness.

**2** Add 1 cup (6 oz.) of **USR with MultiPhase** powder per gallon of water into the hottest water possible (over 160 degrees Fahrenheit) into a five gallon bucket.



**3** Stir product for 30 to 60 seconds. Product should be mixed at the location it will be used.

**4** The foam will rise to the top in about two minutes.



**5** Consider pulling back contaminated carpet and disposal of cushion. If needed, clean the subfloor, then seal the subfloor with pigmented shellac.

**6** Saturate carpet with mixed **USR with MultiPhase** solution.

**7** Allow 30 minutes dwell time.

**8** Extract solution from carpet preferably using a sub-surface extraction wand or tool. If using scrub wand, take extra wet and dry passes, then finish with several dry passes.



**9** Check carpet for odor and repeat steps 6-8 if needed.

**10** Install new cushion if necessary.

**11** Always dispose of any unused mixed solution as effectiveness deteriorates rapidly.

**12** Apply **Knock Out 1** if any stain remains after above procedure Allow solution to dry.





# Pet Urine Deodorization Procedures

## *Pre-Treatment Procedures - Pet Urine Contamination in a Rug*

**1** Carefully pre-inspect the rug, fabric, or carpet before proceeding. Identify fiber content, construction, dye stability, shrinkage considerations, and pre-existing damage. Always test every rug for dye bleeding potential. Carefully look for conditions which could contribute to deodorizing related challenges such as pre-existing pet urine, water damage, fiber deterioration, past cleaning residues, and fringe discoloration.

**2** Remove excess waste material by extraction. As a general rule, you should clean the rug according to accepted industry standards of care prior to the deodorization treatment.

**3** **MultiPhase** is a concentrated product that you will dilute according to directions before using. It can be used effectively in a variety of application mechanisms. You must apply at least as much deodorizing solution as that proportionate to the odor causing material.



**4** Read entire label before using. Use only as directed.

**5** The preferred method for deodorizing investment textile rugs is in-plant.



**6** If cleaning/deodorizing on-location, proper preparation of the work area must include:

- a Make sure there is adequate airflow for drying and ventilation.
- b Adequate and safe work area where you can safely move the required cleaning equipment and tools around and the rug can be safely cleaned on the floor without causing damage to or from other surfaces which might bleed color when moist or wet.
- c Always keep white, cotton, colorfast towels handy to wipe up any cleaning solution overspray which may get on other surfaces

**7** Prior to wet cleaning and/or deodorizing, remove as much dry soil as possible from the rug utilizing a vacuum (with a beater bar), portable rug dusting unit, compressed air system, or automated duster. Follow equipment manufacturer directions.





# Pet Urine Deodorization Procedures

## *Pet Urine Contamination in a Rug - On Location*

**1** As a general rule, you should clean the rug according to accepted industry standards of care prior to the deodorization treatment

**2** Mix **UPS 1** part solution to 4 parts water. Saturate spray contaminated area



**3** Allow to dwell for 2-3 minutes

**4** Extract solution with water



**5** Mix one part **MultiPhase** with four parts water. Saturate spray or pour mixed solution onto contaminated areas.



**6** For best results, allow to dwell for 15 minutes before extraction with a sub-surface extraction tool or wand



**7** Speed dry utilizing downdraft or centrifuge air movers



**8** Groom or brush as needed.







# Pet Urine Deodorization Procedures

## *Pet Urine Contamination in a Rug - In Plant*

**1** For use as a deodorizing treatment in a rug wash pit: Use solution in accordance with industry standards of care according to fiber content, construction, and dye stability.

**2** Mix one part **MultiPhase** with four parts water. Saturate spray the front and the back of the rug



**3** Agitate with appropriate brushes either mechanically or by hand. Allow the solution to dwell for one hour.

**4** Place rug into wash pit and rinse off rug with clear water. If fiber is synthetic you can use hot water to rinse. For natural fibers, use warm or cold water.



**5** If utilizing extractor, wringer, or centrifuge, follow machine instructions. Hang on rack according to instructions.

**6** Speed dry utilizing downdraft or centrifuge air movers.

**7** Consider use of heat drying or dehumidification equipment based upon room temperature, humidity levels, and rug construction

**8** Groom or brush as needed.





# General Purpose Deodorization Procedures

## *General Odors*

- 1 Add 2 ounces of **OdorMate Scent** to each mixed gallon of carpet extraction alkaline rinse or acid neutralizing rinse



# General Purpose Deodorization Procedures

## *Tobacco Smoke Odors*

- 1 Clean the carpet in normal manner. Add two ounces of **OdorMate Scent** to each mixed gallon of carpet prespray.



- 2 After cleaning is completed, post topically spray **MultiPhase** over entire carpet. Mix 2 ounces to a gallon of water





# Deodorization Procedures

*For odors resulting from water damage, moisture build-up, and mold and mustiness*

**1** For best results. Locate all areas which are sources of odor. Remove as much odor producing source material through effective cleaning and extraction as possible. Then, saturate affected areas with **Botani-Phase** in proportion to the amount of odor producing material. **Botani-Phase** must come in contact with the source of the odor to work most effectively. Pre-test all application surfaces for colorfastness before proceeding. Apply all solutions in accordance with industry best practices and standards of care.

**2** For most applications, Mix **Botani-Phase** one part solution with four parts water. For severe odors and contamination, apply **Botani-Phase** straight.



**3** Wet the surface by saturation spraying, wiping or with a mop. Allow to dwell for 10 minutes and then allow to dry. No rinsing, extraction or wiping is required.

**4** For use as fogging deodorizer, mix 1 part **Botani-Phase** with 3 parts of water. Protect water sensitive surfaces. Never inhale atomized or fogged solutions. Make sure all occupants of home or building are not present during fogging.



**5** As a cleaning additive - For portable extractor, mix two ounces of **Botani-Phase** with each gallon of pre-mixed extraction detergent or neutralizing rinse. For truckmounted equipment, mix one quart of **Botani-Phase** with 5 gallons of pre-mixed concentrated extraction detergent or neutralizing rinse.

